Original (for SUBMISSION)

| 0 | For receiving Office use only | |
|--------------|---|---|
| 0-1 | International Application No. | - |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared Using | PCT-SAFE [EASY mode] Version 3.50 (Build 0002.150) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | National Board of Patents and Registration (Finland) (RO/FI) |
| 0-7 | Applicant's or agent's file reference | MRE 30 PCT |
| l | Title of invention | PAPER- OR PAPERBOARD-BASED SECURITY PRODUCT |
| ! | Applicant | |
| II-1 | This person is: | applicant only |
| 11-2 | Applicant for | all designated States except US |
| II -4 | Name: | M-REAL OYJ> |
| 11-5 | Address: | Revontulentie 6 FI-02100 Espoo Finland |
| 11-6 | State of nationality | FI |
| 11-7 | State of residence | FI |
| lii-1 | Applicant and/or Inventor | |
| III-1-1 | This person is: | applicant and inventor |
| II-1-2 | Applicant for | US only |
| II-1-4 | Name (LAST, First) | AHO, Outi |
| II-1-5 | Address: | Kastelsvej 17 DK-2100 Copenhagen Finland |
| II-1-6 | State of nationality | FI |
| | | |

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| III-2 | Applicant and/or inventor | | | |
|------------------|--|--|--|--|
| III-2-1 | This person is: | applicant and inventor | | |
| III-2-2 | Applicant for | US only | | |
| III-2-4 | Name (LAST, First) | GÄDDA, Lars | | |
| III-2-5 | Address: | Erssintie 7 C 9 FI-02750 Espoo Finland | | |
| III-2 - 6 | State of nationality | FI | | |
| III-2-7 | State of residence | FI | | |
| III-3 | Applicant and/or inventor | | | |
| III-3-1 | This person is: | applicant and inventor | | |
| III-3-2 | Applicant for | US only | | |
| III-3-4 | Name (LAST, First) | MUSTONEN, Tuomas | | |
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| III-3-6 | State of nationality | FI | | |
| III-3-7 | State of residence | FI | | |
| IV-1 | Agent or common representative; or address for correspondence | | | |
| | The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as: | agent | | |
| IV-1-1 | Name: | SEPPO LAINE OY | | |
| IV-1-2 | Address: | Itämerenkatu 3 B FI-00180 Helsinki Finland | | |
| IV-1-3 | Telephone No. | +385 9 6859 560 | | |
| IV-1-4 | Facsimile No. | +358 9 6859 5610 | | |
| IV-1-5 | e-mail | seppo.laine@selpat.fi | | |
| V | DESIGNATIONS | | | |
| V-1 | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | | | |
| VI-1 | Priority claim of earlier national | | | |
| VI-1-1 | application Filing date | 01 April 2003 (01.04.2003) | | |
| VI-1-2 | Number | 20030492 | | |
| VI-1-3 | Country | FI | | |
| - | | | | |

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| VI-2 | Priority document request | | | |
|---------------|---|---|--|--|
| | The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) Identified above as item(s): | VI-1 | | |
| VII-1 | international Searching Authority Chosen | Swedish Patent Offic | ce (ISA/SE) | |
| VII-2 | Request to use results of earlier search; reference to that search | | · · · · · · · · · · · · · · · · · · · | |
| VII-2-1 | Date | 19 September 2003 (1 | L9.09.2003) | |
| /II-2-2 | Number | 20030492 | | |
| /II-2-3 | Country (or regional Office) | FI | | |
| /III | Declarations | Number of declarations | | |
| /III-1 | Declaration as to the identity of the inventor | | | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | · | | |
| √III-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | _ | | |
| /III-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | _ | | |
| /III-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | | |
| X | Check list | number of sheets | electronic file(s) attached | |
| X-1 | Request (including declaration sheets) | 4 | - | |
| X-2 | Description | 16 | - | |
| X-3 | Claims | 4 | - | |
| X-4 | Abstract | 1 | 1 | |
| X-5 | Drawings | 5 | - | |
| X-7 | TOTAL | 30 | · L · · · · · · · · · · · · · · · · · · | |
| | Accompanying Items | paper document(s) attached | electronic file(s) attached | |
| X-8 | Fee calculation sheet | / | _ | |
| X-9 | Original separate power of attorney | | _ | |
| X-17 | PCT-SAFE physical media | _ | | |
| X-18 | other: | Office Action of 19 September 2003 (earlier search) | | |
| X-19 | Figure of the drawings which should accompany the abstract | | | |
| X-20 | Language of filing of the international application | Finnish | | |

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| X-1 | Signature of applicant, agent or common representative | |
|-------|--|---------------------|
| X-1-1 | Name (LAST, First) | SEPPO LAINE OY |
| X-1-2 | Name of signatory | Christoffer Sundman |
| X-1-3 | Capacity | Patent Agent |

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| 10-1 | Date of actual receipt of the purported international application | |
|--------|---|--------|
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/SE |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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| Date of receipt of the record copy by the international Bureau | |
|--|--|
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